

5                                    **METHOD FOR PRODUCING A TRANSDUCER**

**SLIDER WITH TAPERED EDGES**

**ABSTRACT OF THE DISCLOSURE**

10                                The invention relates to a method for producing a transducer slider. the present invention relates to a method for producing a transducer slider. The method involves first coating a substrate with a radiation-sensitive layer and exposing the radiation-sensitive layer to radiation according to an intensity pattern. Preferably, the intensity pattern is provided using a grayscale mask. Once the image is developed into the radiation-sensitive layer, the image is  
15 transferred into the substrate to form a transducer slider having a surface profile comprising a tapered edge. In the alternative or in addition, the surface profile may comprise a rounded corner. The invention also relates to a structure for forming a transducer slider.